NAVSUP
NAVAL SUPPLY SYSTEMS COMMAND

U.S. ATLANTIC FLEET
CAPT STYRON

UNITED STATES NAVY SERIAL NUMBER TRACKING
SNT

SNT

www.snt.navsup.navy.mil

Ready. Resourceful. Responsive!

MATT MULLINS
CDR, USN
10 JUNE 2003

OUTLINE

- Background/Overview
- System Access
- DOD Policy
- Training / Fleet connection
- Wholesale reporting S/N
- Web Site
  - Retrograde
  - Warranty
- Initiatives
- Summary

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HOW SNT STARTED

UNITED STATES NAVY SERIAL NUMBER TRACKING
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Aviation Maintenance-Supply Readiness (AMSR) Review Tasking - 1998

Background/Overview

⇩ Lower Maintenance & Supply Cost

⇧ Increase Readiness

Result – Serial Number Tracking Initiative provi

- Retrograde Tracking & TAV

By T/M/S, Organization and time period

- Cannibalization data
- BCM statistics
- Top Cost Driver figures
- Reliability information

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SYSTEM CONCEPT

UNITED STATES NAVY SERIAL NUMBER TRACKING
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Definition:

Closed-loop, cradle-to-grave tracking of maintenance critical, serialized components, providing asset visibility and material status, and enabled by automatic identification technology (AIT)

Plan:

Collect data through interfaces with various supply and maintenance systems and provide access to stakeholders via a Virtual Shared Data Warehouse

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Shipboard Asset/Information Flow

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System Access

Carcass Screening
Transshipment

Carcass Shipment

ATAC

SIMA

Shipboard Supply

Web-MRIL / A-ORS

(Future) NEMAIS

CDMD-OA

(O)-Level

Retail Sector

FACTS WMPS eRMS

OMMS

3M DB

UICP

NRFI Inventory

ATAC DB

R-Supply

Shipboard Inv

DDD/ FISC

Navy/CAV

Web-enabled

FIMARS

SNT System

Depot Repair

Organic CAV-ORM

Inter Service

Commercial CAV

NSWC Crane ILSMIS

GTN

LCAV

GTN

Navy\CAV

DDD/ FISC

Wholesale Sector

UICP

Connected w/SN ------- No SN Not Asset Flow

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Aviation Asset/Information Flow

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Information Systems

System Access

Carcass Screening
Transshipment

Carcass Shipment

ATAC
Hub / Node
Web-MRIL / A-ORS

ATAC DB

UICP

NRFI Inventory

DDD/ FISC

Navy/CAV

ASD

FACTS
WMPS
eRMS

OOMA
OIM A

I-Level

Retail Sector

NALCOMIS (O)
Top Tier
LMDSS (I)
DMDS (D)

OOMA

'O' Level

NALCOMIS
Foundation Tier

Web-enabled

SNT System

Depot Repair

Organic CAV-ORM

Inter Service

Commercial CAV

NSWC Crane ILSMIS

GTN

LCAV

GTN

Navy\CAV

DDD/ FISC

UICP

RFI Wholesale Inventory

Wholesale Sector

Connected w/SN No SN Not Asset Flow

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SNT FOLLOWS DOD POLICY

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DOD Policy:

DOD POLICY

MAY 98 - SUPER REG — Unique Identification (UII)
SEP 02 - SIM Initiative — CAGE, P/N, S/N Policy
MAY 03 - UID Tangible Items — CAGE, P/N, S/N Policy

Common Link:

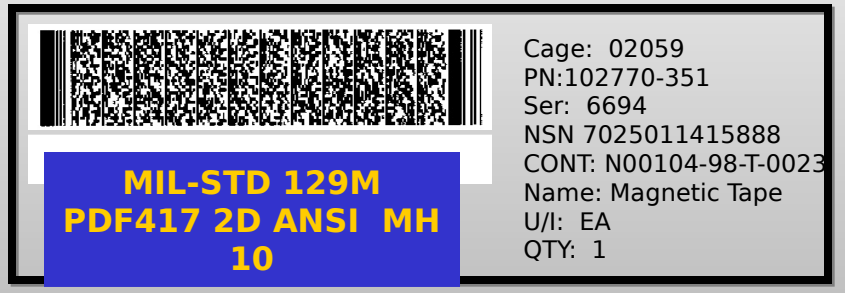
ANSI MH10 Syntax and Semantics: 17V - CAGE, S - S/N, 1P

[)>$^{R}_{S}$06$^{G}_{S}$17V35421$^{G}_{S}$S10936$^{G}_{S}$1P420Y2435^{E}o$_{T}$

Examples:

CMB 2D Data Matrix

Maintenance



Supply / Transportation

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CMB & THE SAILOR

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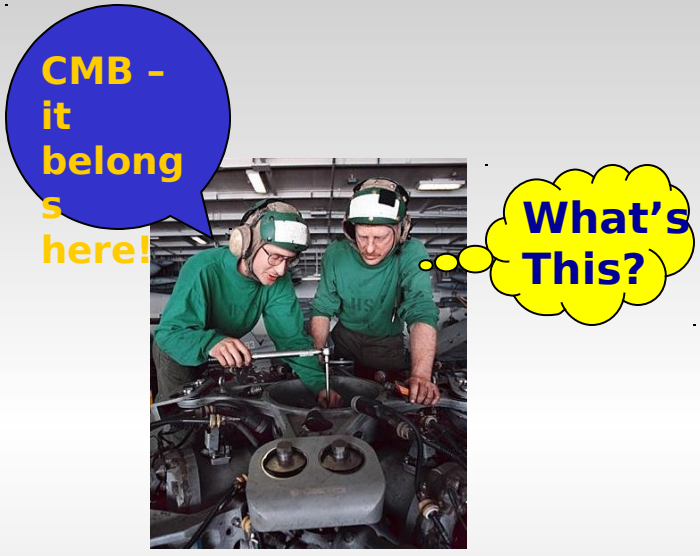
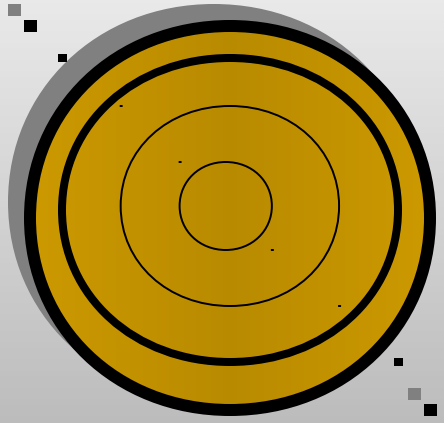
Training





- Install Team Provides Initial Training to Fleet Maintainers, NATEC, NETS and CETS
- Developed Training CD-ROM of Installation Processes and Software Use for Fleet Activities
  - –Delivered at Initial Install
- Leverage NATEC Tech Reps for On-Site Fleet Support
- Coordinating with AIR-3.4 to Integrate AIT into OOMA Training Where Appropriate (NAMTRA and A schools)
- Expanding Into Navy Maintenance Depots

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WEB SITE TRAINING

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Training

Fleet Trained	Sessions	Total
NAS Oceana	1	61
Fleet Training – Norfolk	1	10
Fleet Training – San Diego	5	67
NSCS Athens – JASMMM and SODHC	2	58
Other		
NADEP		
JAX	2	25
SAN DIEGO	1	45
CHERRY POINT	1	8
NAVICP – PHILADELPHIA	7	149
NAVICP – MECHANICSBURG	4	
61		

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Wholesale System Reporting S/N

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Recent Accomplishmen

Coming Soon
DSS Reports SN of Selected Items For Receipts/ Issues

Web-enabled

SNT System

SNT WEB Site Accesses Navy Repository

DDNV 12/8/02– 3/3/03
DDDC/DDCN 1/12/03 – 3/3/03

Navy Repository

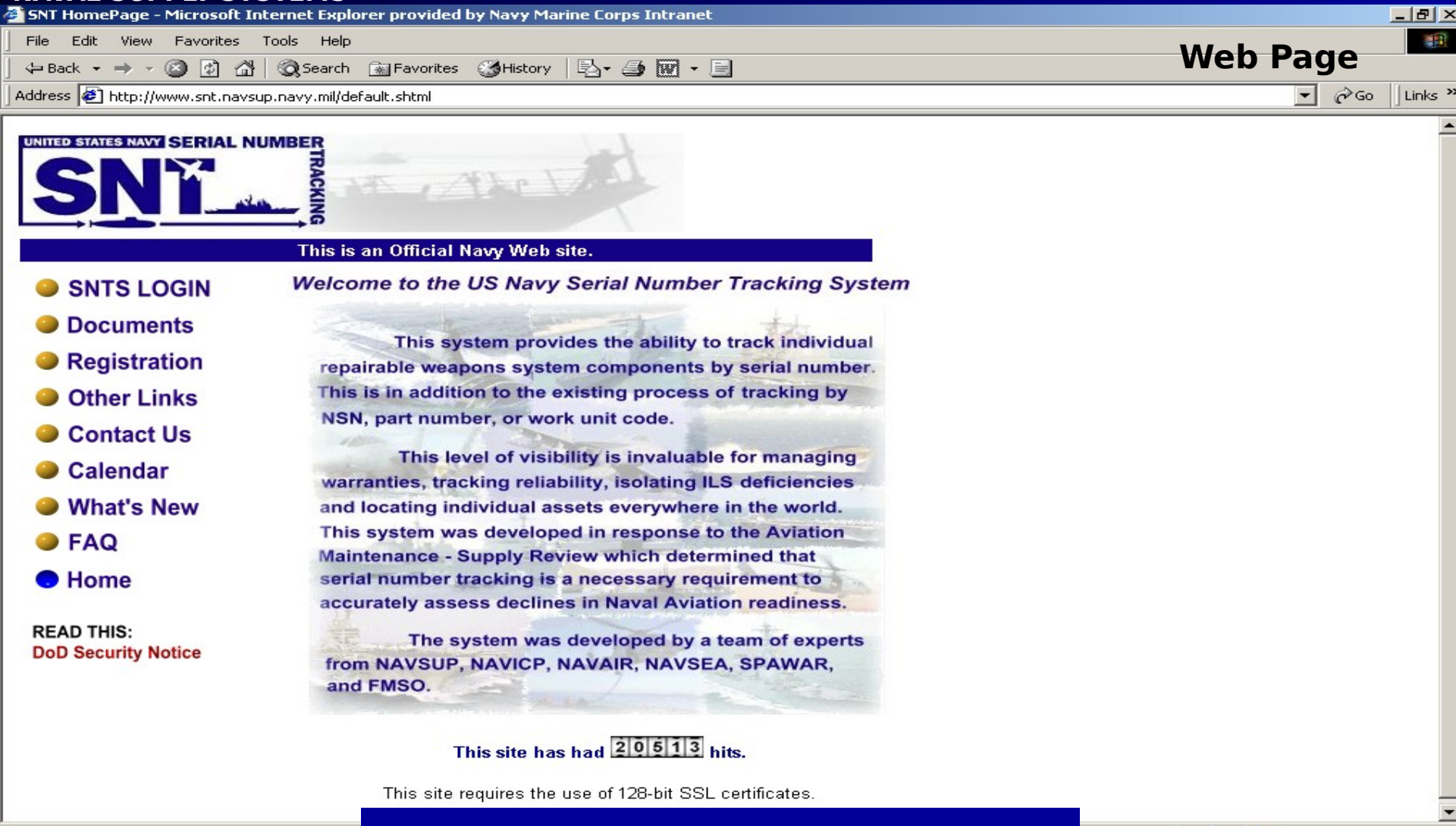
Receipts	W/ SN	W/O SN
DDNV	6	22
DDDC	193	112
DDCN	493	201
Issues		
DDNV	15	9
DDDC	95	164
DDCN	470	314

SNT Homepage

NAVSUP NAVAL SUPPLY SYSTEMS

UNITED STATES NAVY SERIAL NUMBER TRACKING SNT

Web Page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This is an Official Navy Web site.
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Registration
Other Links
Contact Us
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What's New
FAQ
Home
READ THIS:
DoD Security Notice
Welcome to the US Navy Serial Number Tracking System
This system provides the ability to track individual repairable weapons system components by serial number. This is in addition to the existing process of tracking by NSN, part number, or work unit code.
This level of visibility is invaluable for managing warranties, tracking reliability, isolating ILS deficiencies and locating individual assets everywhere in the world. This system was developed in response to the Aviation Maintenance - Supply Review which determined that serial number tracking is a necessary requirement to accurately assess declines in Naval Aviation readiness.
The system was developed by a team of experts from NAVSUP, NAVICP, NAVAIR, NAVSEA, SPAWAR, and FMSO.
This site has had 20513 hits.
This site requires the use of 128-bit SSL certificates.
Internet
Start
Inbox - Mic
9:38

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SNTS \ Asset Visibility \ Retrograde - Microsoft Internet Explorer provided by Navy Marine Corps Intranet

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Address https://www.snt.navsup.navy.mil/queries/AssetVisibility/Retrograde/default.shtml Go Links

Web Page

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Retrograde

Queries | Decision Support | Administration | User Options | Help | Feedback | Log Out

Asset Visibility | Aviation Maintenance | In Transit | Inventory | Shipboard Engineering | Warranty

Search Criteria

Serial Number:

Document Number:

UIC: r03363

NIIN:

Lead TCN:

Search Reset

<< Back to Asset Visibility

Submit a Batch Query

Results

Retrograde Results > Document Number Tracking Detail

Export to Microsoft® Excel®

Printer Friendly Version

	Origin	xShip / ATAC Hub or Node	xShip / ATAC Hub or Node	DOP/DSP
Document Number	R033633072G660	R033633072G660	R033633072G660	R033633072G660
NIIN	008684353	008684353	008684353	008684353
Serial Number	BMAC-B4-0068			
Quantity	1	1	1	1
Condition Code	F	F	F	F
Activity	R03363 USS KITTY HAWK CV 63	N4533A	N46433 ATAC HUB North Island, CA	SW3122
Date Received	N/A	25 Mar 2003	16 Apr 2003	25 Apr 2003
Ship To	SW3122	N46433 ATAC HUB North Island, CA	SW3122	N/A
Date Shipped	25 Mar 2003		16 Apr 2003	N/A
LTCN	N/A	R033633072G660RXX	N443293091GK42AXX	N/A
Transportation Mode	N/A	F - Air, Air Mobility Command	T - Air, Air Freight Forwarder	N/A
RCDN	N/A	N/A	N/A	
Signature	N/A			HARDEMAN
(Data Source)	WMPS	ATAC	ATAC	ATAC/CAV

Done Internet

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WARRANTY

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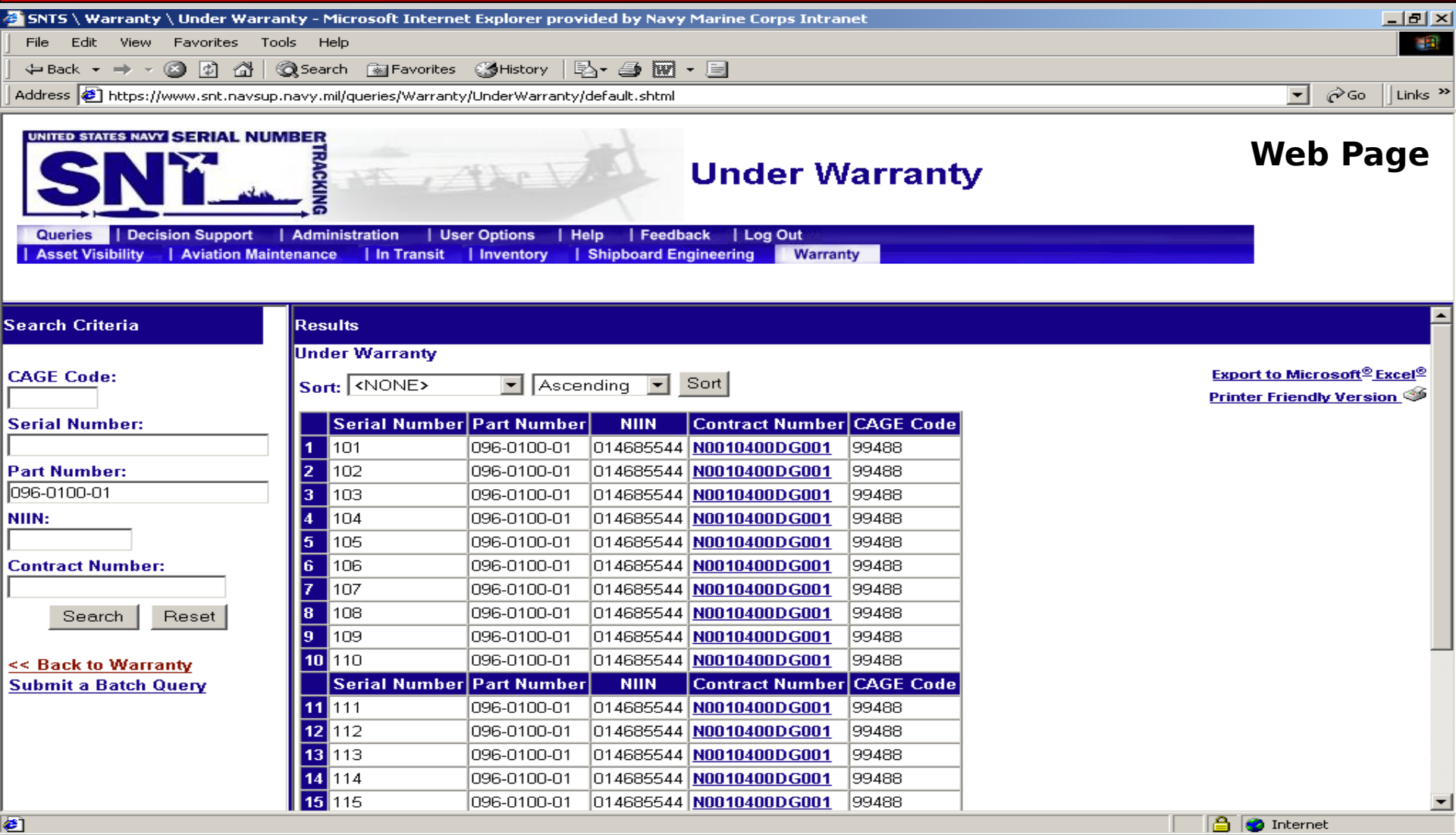
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Under Warranty
Web Page
Queries | Decision Support | Administration | User Options | Help | Feedback | Log Out
Asset Visibility | Aviation Maintenance | In Transit | Inventory | Shipboard Engineering | Warranty
Search Criteria
CAGE Code:
Serial Number:
Part Number:
096-0100-01
NIIN:
Contract Number:
Search Reset
<< Back to Warranty
Submit a Batch Query
Results
Under Warranty
Sort: <NONE> Ascending Sort
Export to Microsoft® Excel®
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Internet

	Serial Number	Part Number	NIIN	Contract Number	CAGE Code
1	101	096-0100-01	014685544	N0010400DG001	99488
2	102	096-0100-01	014685544	N0010400DG001	99488
3	103	096-0100-01	014685544	N0010400DG001	99488
4	104	096-0100-01	014685544	N0010400DG001	99488
5	105	096-0100-01	014685544	N0010400DG001	99488
6	106	096-0100-01	014685544	N0010400DG001	99488
7	107	096-0100-01	014685544	N0010400DG001	99488
8	108	096-0100-01	014685544	N0010400DG001	99488
9	109	096-0100-01	014685544	N0010400DG001	99488
10	110	096-0100-01	014685544	N0010400DG001	99488
	Serial Number	Part Number	NIIN	Contract Number	CAGE Code
11	111	096-0100-01	014685544	N0010400DG001	99488
12	112	096-0100-01	014685544	N0010400DG001	99488
13	113	096-0100-01	014685544	N0010400DG001	99488
14	114	096-0100-01	014685544	N0010400DG001	99488
15	115	096-0100-01	014685544	N0010400DG001	99488

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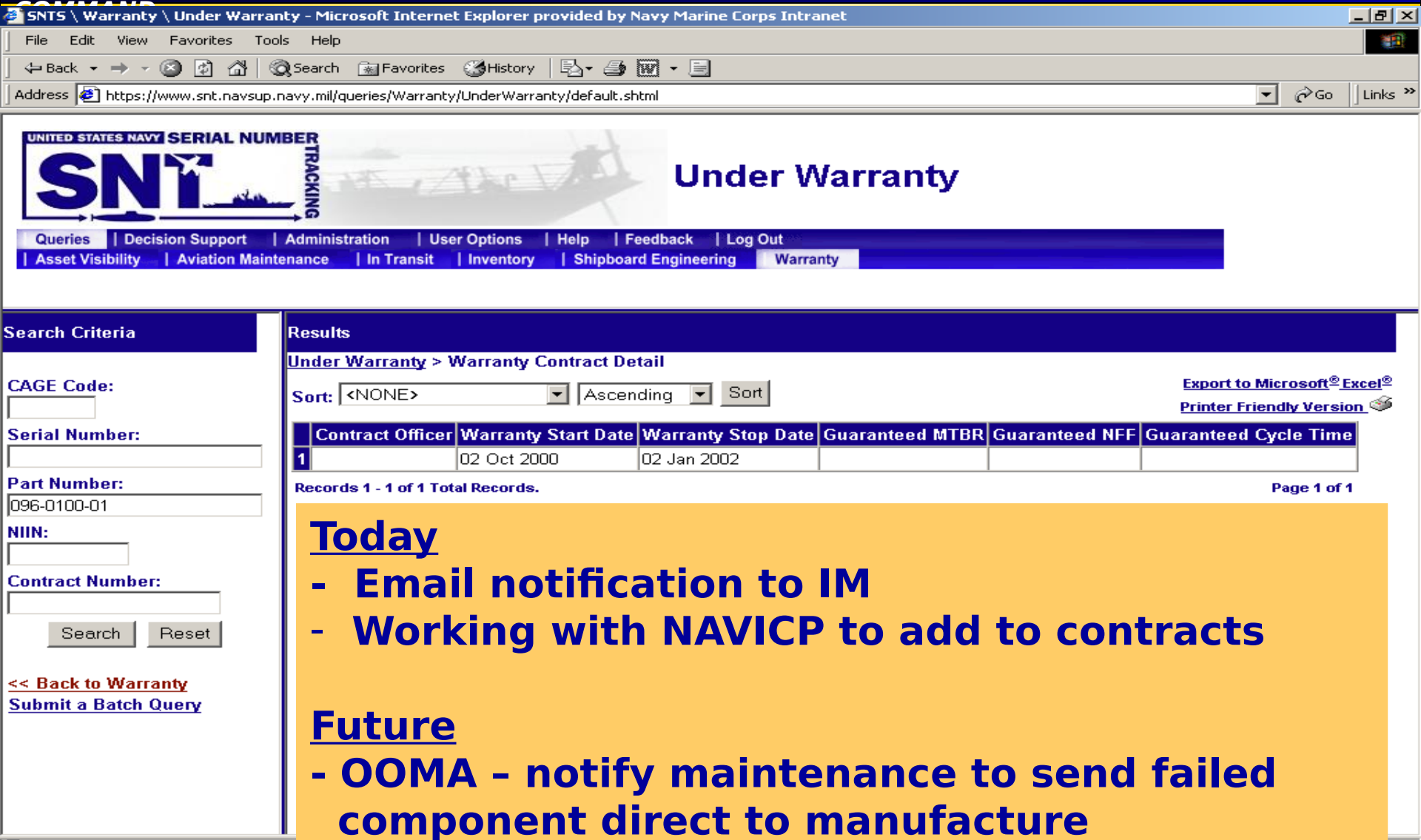
WARRANTY

UNITED STATES NAVY SERIAL NUMBER TRACKING SNT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Asset Visibility | Aviation Maintenance | In Transit | Inventory | Shipboard Engineering | Warranty
Search Criteria
CAGE Code:
Serial Number:
Part Number:
096-0100-01
NIIN:
Contract Number:
Search Reset
<< Back to Warranty
Submit a Batch Query
Results
Under Warranty > Warranty Contract Detail
Sort: <NONE> Ascending Sort
Export to Microsoft® Excel®
Printer Friendly Version
Contract Officer | Warranty Start Date | Warranty Stop Date | Guaranteed MTBR | Guaranteed NFF | Guaranteed Cycle Time
1 | 02 Oct 2000 | 02 Jan 2002
Records 1 - 1 of 1 Total Records.
Page 1 of 1
Done

Today

- Email notification to IM
- Working with NAVICP to add to contracts

Future

- OOMA – notify maintenance to send failed component direct to manufacture

MARITIME FOCUS

Initiatives

DATA BASE ACCESS:

- CDMD-0A
  - Display Shipboard Configuration Data
- LCAV
  - In Transit Query

INITIATIVES:

- GPETE – Working with NAVSEA Code 04L52
- Ship Configuration Validation – Working with NAVSEA Code 04L51
- Rapid Securing Device (RSD)
- AN/UYQ-70
- AEGIS tubes
- MK92 TWT
- BARCO ATDC monitors and COHU cameras (Tomahawk)

OTHER INITIATIVES

Initiatives

CONTRACTS:

- Sikorsky
- General Nucleonics
- Breeze Eastern
- Package Marking Standards (DDD receipts & issues)

OTHER:

- Funding to support eRMS changes - advance receipt
- Funds for product marking
- NAVICP-M start contracts now for Package Marking w
  - Supports SNT thru DDD receipts & issues by SN

SUMMARY

- SNT Project well underway
- Following DOD guidelines
- Training
- SNTS Web Application on line
  - Accessing live data
  - Web development continuing
- Focus on Maritime initiatives

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Points of Contact

http://www.snt.navsup.navy.mi

UNITED STATES NAVY SERIAL NUMBER TRACKING SNT

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